Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.





WATER SUPPLY OUTLOOK

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

for

WYOMING

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE, and

STATE ENGINEER of WYOMING

Data included in this report were obtained by the agencies named above in cooperation with the Bureau of Reclamation, U.S. Forest Service, National Park Service, and other Federal, State and private organizations.

MAR. 1, 1962

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

To Recipients of Cooperative Snow Survey and Water Supply Forecast Reports:

The climate of the cultivated and populated areas of the West is characterized by relatively dry summer months. Such precipitation as occurs falls mostly in the winter and early spring months when it is of little immediate benefit to growing crops. Fortunately, most of this precipitation falls as mountain snow which stays on the ground for months, melting later to sustain streamflow during the period of greatest demand during late spring and summer. Thus, nature provides in mountain snow an imposing water storage facility.

The amount of water stored in mountain snow varies from place to place as well as from year to year and accordingly, so does the runoff of the streams. The best seasonal management of variable western water supplies results from fore-knowledge of the runoff.

A snow survey consists of a series of about ten samples taken with specially designed snow sampling equipment along a permanently marked line, about 1000 feet in length, called a snow course. The use of snow sampling equipment provides snow depth and water equivalent values for each sampling point. The average of these values is reported as the snow survey measurement for a snow course.

Snow surveys are made monthly or semi-monthly beginning in January or February and continue through the snow season until April, May or June. Currently more than 1400 western snow courses are measured each year. These measurements furnish the key data for water supply forecasts.

By relating snow survey measurements taken over a period of years to spring-summer runoff during the same period, relationships have been developed which make it possible to forecast seasonal runoff several months in advance of occurrence. In order to make a forecast, once a forecast relationship has been developed, the maximum snow water content at previously selected key snow courses is usually entered in the forecast relationship. More accurate forecasts are often obtained when other factors such as soil moisture, base flow and spring precipitation are considered and included in the forecast relationships.

Listed below are the Federal-State-Private Cooperative Snow Survey and Water Supply Forecast reports available for the West which contain detailed information on snow survey measurements, streamflow forecasts, reservoir storage, soil moisture and other guide data to water management and conservation decisions.

	PUBLISHED BY SOIL (CONSERVATION SERVICE	
REPORTS	ISSUED	LOCATION	COOPERATING WITH
RIVER BASINS			
CDLORADD AND STATE DF UTAH	MONTHLY (JANJUNE)	SALT LAKE CITY. UTAH	UTAH STATE ENGINEER AND OTHER AGENCIES
CDLUMBIA	MONTHLY (JANMAY)	BDISE. IDAHO	IOAHO STATE RECLAMATION ENGINEER
UPPER MISSOURI AND STATE OF MONTANA	MONTHLY (FEBJUNE)	BOZEMAN, MONTANA	MONT. AGR. EXP. STATION
WEST-WIDE	OCT. 1, APR. 1. MAY 1_	PORTLAND, OREGON	ALL COOPERATORS
STATES			
ALASKA	MONTHLY (MARMAY)	PALMER, ALASKA	ALASKA S.C.D.
AR I ZONA	SEMI-MONTHLY (JAN.15 - APR.1)	PHDENIX, ARIZDNA	SALT R. VALLEY WATER USERS ASSDC. ARIZ. AGR. EXP. STATION
CDL ORADO AND NEW MEXICO	MDNTHLY (FEBMAY)	FDRT CDLLINS. COLDRADO.	COLO. AGR. EXP. STATION COLD. STATE ENGINEER N. MEX. STATE ENGINEER
I DAHD -	MONTHLY (FEBMAY)	BOISE, IDAHO	IDAHD STATE RECLAMATION ENGINEER
NE VADA	MDNTHLY (JANMAY)		NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES - DIVISION OF WATER RESOURCES
ORE GON	MONTHLY (JANJUNE)	PORTLAND, OREGON	ORE. AGR. EXP. STATION OREGON STATE ENGINEER
WASHINGTON-	MONTHLY (FEBJUNE)_	SPOKANE, WASHINGTON	WN. STATE DEPT. OF CONSERVATION
WYOMING	MONTHLY (FEBJUNE)	CASPER. WYOMING	WYDMING STATE ENGINEER
Copies of these	various reports may be s	ecured from: Head, Water Supply For Soil Conservation Ser P.O. Box 4170, Portla	rvice
DEDONTO		OTHER AGENCIES	
REPORTS	ISSUED		AGENCY
BRITISH CDLUMBIA	MONTHLY (FEBJUNE)		RIGHTS BR., DEPT. OF LANDS AND T BLDG., VICTORIA, B.C., CANADA

MONTHLY (FEB.-MAY) _____ CALIF. DEPT. OF WATER RESDURCES. SACRAMENTO. CALIF.

CALIFORNIA

FEDERAL-STATE COOPERATIVE SNOW SURVEYS AND WATER FORECASTS

FOR

WYOMING

Issued March I, 1962

Report prepared by George W. Peak Snow Survey Supervisor State of Wyoming

Soil Conservation Service 345 East 2nd Street P. O. Box 340 Casper, Wyoming

Issued by

B. H. Hopkins State Conservationist Soil Conservation Service Earl Lloyd State Engineer of Wyoming Cheyenne, Wyoming The state of the s

10407971 3977 - 287 1775 - 3

1561

新水料 约点

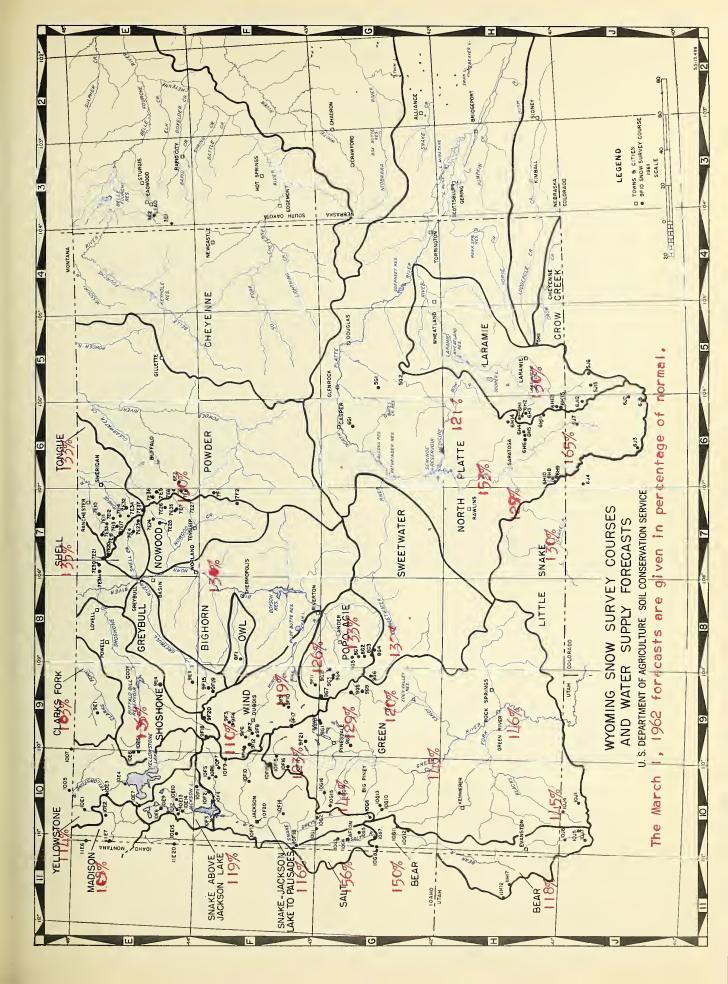
marrari Mina . , in the case

per up volen en all explain in the second of the encount mental explain encount all enteres in the encount

 1 පැවී වර්ධන අමරයට දී.
 100 කට වර්ධ කිරීම විසිටු වුන් දැසි. .විසිට දුක්වානනා . රස්කර්වි

A BURNEY

A COMPANY CONTRACTOR OF THE CONTRACTOR OF THE COMPANY CONTRACTOR OF THE CONTRA



INDEX TO WYOMING SNOW COURSES

			LDCATID	N					LOCATION
DRAINAGE BASIN AND COURSE NAME	WYOMING NUMBER	ELEV.	SEC.	TWP.	RANGE LDNG.	RECDRD BEGAN	MEAS. DATES a	MEAS. BY b	ORAINAGE BASIN WYDMING SEC. RANGE RECDRD MEAS, MEAS. AND CDURSE NAME NUMBER ELEV. LAT. TWP. LONG. BEGAN DATES a BY D
		MISSO	URI RIVER	ORAINA					MISSOURI RIVER ORAINAGE
MAOISON RIVER Norris Basin	10E2	7500	440441		1100421	1936	2,3,4,5	2	CROW CREEK Pole Mountain #2 5HI 8700 35 15N 72W 1936 2,3,4,5 1
21 Mile *m West Yellowstone *m	IIE6	7150 6700	34	118	5E 5E	1934	1,2,3,4,	5 6	NORTH PLATTE
YELLOWSTONE	1127	0,00	34	133	JE	1334	1,2,3,4,	0 6	Albany 6HII 9400 I8 14N 78W 1949 2,3,4,5 Bottle Creek 6H8 8200 24 14N 85W 1936 2,3,4,5
Canyon Cooke City •m	10E3 1007	7750 7400	44º44 ¹ 25	98	110º301 14E	1938 1937	1,2,3,4,		8oxelder #1, #2 5GI 9000 3I 30N 75W 195C 2,3,4,5 I Casper Mountain 6GI 870C 16 32N 79W 1954 1,2,3,4,5 I
Crevice Mountain •m	10D5	8400	55	98	9E	1935	3,4	4	Columbine •c 6J3 9300 2I 5N 82W 1936 2,3,4,5 I
East Entrance Lake Camp #1, #2	10E6 10E4	7000 7850	17 44 ⁰ 341	52N	109W 110º241	1948 1937	1,2,3,4,		Fox Park 6H12 9200 21 13N 78W 1936 2,3,4,5 4 LaBonte 5G2 8450 11 27N 74W 1949 2,3,4,5 1
Lupine Creek Thumb Divide	10E1 10E7	7300 7900	44°541 44°221		110°37'	1938 1946	1,2,3,4,5	5 2 5	North Barrett Creek #2 6H5 9400 30 16N 60W 1936 2,3,4,5 1 North French Creek #1 6H4 10200 27 16N 60W 1938 2,3,4,5 1
Sylvan Pass	10E5	7100	12	52N	IIOW	1936	1,2,3,4,5	5 2	Northgate *c
CLARK'S FORK Lodgepole	9E I	8200	32	56N	106W	1940	2,3,4,5	1,4	Park View *c 6J2 9200 24 5N 78W 1936 2,3,4,5 Rock Creek 6H14 9BC0 5 17N 79W 1960 2,3,4 1
WIND RIVER								·	Ry an Park #2 6H6 8400 34 16N 81W 1936 2,3,4,5 1
Big Warm Burroughs Creek	9F12 9F4	0088 0088	36 15	42N 43N	109W 107W	1955 1948	2,3,4,5	1	Webber Spring 6H9 9000 27 14N 85W 1936 2,3,4,5 1 Willow Creek Pass •c 6J5 9500 I 4N 78W 1938 2,3,4,5
Oinwoodie Oinwoodie Glaciers	9F10 9F17	10C00 10500	9 43°14'	36N	105W 109P351	1948 1959	2,3,4,5	1,3	CHEYENNE RIVER Upper Spearfish •s 3EI 65CC 2I 3N IE 1944 2.3.4 4
Dry Creek OuNoir	9F9 9F6	9500 8750	34 27	4N 42N	1.05W 1.08W	1948	2,3,4,5	1,3	Upper Spearfish •s 3E1 65CC 21 3N IE 1944 2,3,4 4 Terry Peak *s 3E2 7000 II 4N 2E 1960 2,3,4 1,4
Geyser Creek	9F7 9F8	8500 9500	12	41N 41N	108W	1948	2,3,4,5	į	CDLORADD RIVER ORAINAGE
Little Warm Sheridan R.S. #2	9F14	75 CO	3	42N	109W	1948 1955	2,3,4,5		GREEN RIVER 8ig Park 10G11 8700 7 27N 117W -1951 2,3,4,5 1
T-Cross Ranch Togwotee Pass	9F3 10F9	9600	1 29	43N 44N	107W 110W	1940 1936	2,3,4,5	1 5	Big Sandy Opening 969 9200 17 31N 104W 1961 2,3,4,5 1 Blind Bull 1062 8750 6 34N 115W 1948 2,3,4 1
POPD AGIE RIVER									Outch Joe R.S. 9G5 8700 32 31N 104W 1936 2,3,4,5 1
Blue Ridge Bruce's Camp	8G2 8G5	9500 €500	23 24	35N 31N	IOIW IOIW	1939 1955	2,3,4,5	1	East Rim Divide 10F17 7950 32 37N 111W 1936 1.2.3.4.5 1 Elk Heart Park G.S. 9G10 9400 22 35N 107W 1961 2.3.4.5 1
Hobbs Park Mosquito Park R.S.	9G3 9G4	10000 9500	22 23	2S 2S	3W	1948 1940	2,3,4,5	1,3 1,3	Elk River *c 6J4 8700 6 10N 85W 1936 2,3,4,5 1 Gros Ventre 10F19 8750 36 40N 111W 1948 2,3,4,5 1
Sawmill Glade South Pass	8G1 8G3	2500 9000	3	31N 30N	101%	1939	2,3,4,5	İ	Hewinta R.S. *u 10J4 9500 33 3N 13E 1930 4 1 Hole-in-the-Rock *u 10J1 9150 13 2N 15E 1931 4 1
St. Lawrence R.S.	9F11	9000	26	IN	4W	1940	2,3,4,5	1,3	Kelly R.S. 10G12 2200 13 26N 11EW 1951 2,3,4,5 1 1 1 1 1 1 1 1 1
Trout Creek Twenty Lakes	9G2 9G7	84 C0 105 00	5 2	2S 1 S	2W 5W	1948 1959	2,3,4,5	1,3	Kendall R.S. #2 10F15 7900 23 38N 110W 1961 2,3,4,5 1
OWL CREEK		-700							Loomis Park #2 10F16 8500 14 .37N 111W 1960 2,3,4,5 1
Owl Creek GREYBULL RIVER	8FI	8700	36	43N	101#	1948	2,3,4,5	'	Mulligan Park 961 8900 17 35N 108W 1936 2,3,4,5 1 New Fork Lake 9F21 8325 11 36N 109W 1961 2,3,4,5 1
Frontier Needle	9F20	10000	20	46N	106W	1961	2,3,4	1	North Horse Creek
Kirwin Wood River #2	9F19 9F15	11000	13	45N 46N	10.4W 10.3W	1960 1956	2,3,4	1	Piney LaBarge #1 10G10 8820 19 29N 114W 1937 2,3,4,5 1 Piney LaBarge #2 10G10 8820 19 29N 114W 1959 2,3,4,5 1
Timber Creek #2	9E3	8800	25	47N	103M	1955	2,3,4,5	1	Pocket Creek 9GII 9360 19 32N 109W 1961 2,3,4,5 1
SHDSHDNE RIVER Carter Mountain	9E4	78C0	15	50N	103W	1957	1,2,3,4	1	Snyder Basin R.S. #2 10G13 8040 15 29N 114W 1956 2,3,4,5 1
East Entrance Sylvan Pass	10E6 10E5	7000	17	52N 52N	109W	1948	1,2,3,4,5		Soda Lake 10G14 8300 14 33N 115W 1955 2,3,4,5 1 Triple Peaks 10G15 8500 23 34N 115W 1956 2,3,4,5 1
Younts Peak	9F18	8500	43°561	JEN	1090491	1960	2,3,4	Ī	
NOWDDO CREEK Cold Springs Camp	7E25	8700	1	50N	88W	1956	2,3,4,5		COLUMBIA RIVER DRAINAGE SNAKE RIVER BASIN (Above Jackson Lake)
Medicine Lodge Lakes Munkres Pass		9500 9700	7	51N 48N	87W 85W	1956 1950	2,3,4,5	į	Arizona 10F1 6850 3 46N 113W 1919 2,3,4 5
Onion Gulch	7E27	8100	31	48N	85W	1956	2,3,4,5		Aster Creek 10E8 7700 44°17' 110°37' 1919 2,3,4 5 Base Camp 10F2 6900 20 46N 113W 1947' 2,3,4 5
West Tensleep Lake Tyrell R.S.	7E26 7E35	9075 8300	33 30	50N 49N	86₩ 86₩	1956 1956	2,3,4,5		Coulter Creek 10E10 7600 44°09' 110°33' 1919 2,3,4 2 Glade Creek 10E13 7200 44°08' 110°44' 1919 2,3,4 5
Bear Trap Canyon Creek	7F1 7F2	8000 7400	16	45N 43N	85W 86W	0961 0961	2,3,4,5	1	Grassy Lake 10E15 7265 6 48N 117W 1940 2,3,4,5 5 Huckleberry Divide 10E14 7300 32 48N 115W 1919 2,3,4 5
Tensleep R.S.	7E7	8300	30	49N	86W	1936	2,3,4,5	1	Lewis Lake Oivide 10E9 7900 44°13' 110°40' 1919 2,3,4,5 5
SHELL CREEK Bald Mountain	7E21	9600	33	56N	91W	1956	2,3,4,5	1	Moran Bay 10F3 6800 14 45N 116W 1919 2,3,4 5
Beaver-Tongue Divid- Bone-Spring Divide	e 7E20 7E18	9200 9200	12 32	55N 55N	91W WE8	1956 1956	2,3,4,5		Snake River Station 10E12 6780 44°08' 110°40' 1919 2,3,4 5 Thumb Divide 10E7 7900 44°22' 110°35' 1951 2,3,4 5
Granite Pass Ranger Creek	7E17 7E4	8950 8800	19	54N 53N	88W 88W	1956 1935	2,3,4,5	1	JACKSON LAKE TD PALISAGES
Shell Creek	7E23	9600	12	52N	88W	1956	2,3,4,5	Ì	Afton R.S. 1064 6200 30 32N 118W 1936 1,2,3,4,5 4 Blackrock 10F7 8600 4 44N 111W 1936 2,3,4 5
PDRCUPINE CREEK Five Springs Falls	7E31	7500	19	56N	92W	1956	2,3,4,5		81ind 8ull 1062 8750 6 34N 115W 1948 2,3,4 1 8ryan Flat 10F14 6250 9 36N 115W 1936 1,2,3,4,5 1
Medicine Wheel	7E30	9000	24	56N	92 W	1956	2,3,4,5	i	CCC Camp
TDNGUE RIVER Beaver-Tongue Divid	e 7E20	9200	12	55N	91₩	1956	2,3,4,5		Deadman Ranch
8ig Goose #2 8one-Spring Divide	7E32 7E18	7700 9200	4	53N 55N	86W 89W	1955 1956	2,3,4,5	i	Four Mile Meadows 10F6 7770 35 45N 112W 1936 2,3,4,5 5
Burgess R.S. #2	7E33	7900	36	56N	89W	1955	2,3,4,5		Gros Ventre 10F19 8750 36 40N 111W 1948 2,3,4,5 1
Dome Lake #2 Gloom Creek	7E34 7E14	9300 9300	32	53N 55N	87W 87W	1950	2,3,4,5		Grover Park Divide 10G3 7500 27 33N 11EW 1936 1,2,3,4,5 1,4 Loomis Park 10F16 8500 14 37N 111W 1936 2,3,4,5 1
Granite Pass Sibley Lake	7E17 7E11	8950 8000	10	54N 55N	88W 88W	1956 1956	2,3,4,5		Poison Meadows 1066 8500 29 30N 116W 1949 2,3,4,5 1 Teton Pass #2 10F13 8500 24 41N 118W 1936 1,2,3,4,5 1,
Sucker Creek Steamboat Point	7E12 7E10	9000 7500	19 32	55N 56N	87W 87W	1956 1956	2,3,4,5	1	Togwotee Pass 10F9 9600 29 44N 110W 1936 2,3,4,5 5 Turpin Meadows 10F5 6930 14 45N 112W 1936 2,3,4 5
Wood Rock G.S. Geneva Pass	7E13 7E37	8500 10600	3 30	54N 52N	88W 86W	1956 1961	2,3,4,5	1	Yellowjacket 10F10 7675 33 42N 112W 1936 2,3,4,5 4 Salt River Summit 10G8 7900 32 29N 118W 1948 1,2,3,4,5 1,4
PDWDER RIVER									Snow King Mountain #3 10F20 7600 4 40N 117W 1959 Semi. Mo. 1
Bear Trap Canyon Creek	7F I 7F 2	2000 7400	10 16	45 N 43 N	85 W 86 W	1960 1960	2,3,4,5		BEAR RIVER
Clouds Peak Muddy Creek G.S.	7£36 6E2	10000 7800	15	5 I N 48 N	85W 84W	1960 1956	2,3,4		Big Park 10G11 8700 7 27N 117W 1951 2,3,4,5 CCC Camp 10G7 7500 9 29N 118W 1936 2,3,4,5 1,4
Munkres Pass	7E8 7E27	9700	11	48N 48N	85W 85W	1950 1956	2,3,4,5		Girl Hollow •u 11H17 8400 5 7N 5E 1951 3,4,5
Onion Gulch Soldier Park	7E5	8700	36	5IN	85W	1950	2,3,4,5		Goodman Ranch •u 10J6 7900 19 3N 10E 1937 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Sour Oough SWEETWATER	7E6	8500	17	49N	24W	1936	2,3,4,5	1	Head of Bear River •u 10J5 8600 15 2N 10E 1935 4 Kelly R.S. 10G12 8200 13 26N 118W 1951 2,3,4,5
Grannier Meadows #1		9000	19	30N	100w	1937	2,3,4,5	1	Monte Cristo, R.S. *u IIHI2 8960 3 8N 4E 1930 3.4.5 Poison Meadows 1066 8500 29 30N II6W 1948 2.3.4.5
Larsen Creek South Pass	9G6 8G3	9000 900C	12	30N	101#	1949 1939	2,3,4,5		Salt River Summit 10G8 7900 32 29N 116W 1948 2,3,4,5 1,4
LARAMIE RIVER									a. Numerals 1,2,3,4 and 5 refer to January I, February I, March I, April I, and May I.
8rooklyn Lake #1 8rooklyn Lake #2	6H13	10200	11	16N 16N	79W 79W	1936 1956	2,3,4,5	1	b. Numerals refer to Agency that secures the snow survey, as follows: 1. Soil Conservation Service. 6. U. S. Geological Survey
Deadman Hill •c Evans	5J6 6HI5	9000	26 4	100	75W 7EW	1937 1960	3,4,5 2,3,4,5	1	2. U. S. National Park Service. c. Colorado snow courses. 3. U. S. Indian Service. m. Montana snow courses.
Fox Park Hairpin Turn #2, #3	6H12	9200 9500	21	13N 16N	7EW 79W	1936	2,3,4,5	4	4. U. S. Forest Service. s. South Oakota snow courses. 5. U. S. Bureau of Reclamation. u. Utah snow courses. 5,8-13,688 (2)
Libby Lodge #2	6H3	8700	29	16N 10N	79W 78W 76W	1936	2,3,4,5	i	The state of the s
McIntyre *c Pole Mountain #2	5J I5 5HI	9100 8700	35 35	15 N	72W	1936	2,3,4,5	1	
Roach •c	6115	9800	5	10N	77₩	1940	2,3,4,5	1	

WATER SUPPLY OUTLOOK

FOR

WYOMING

March 1, 1962

THE COLUMBIA RIVER BASIN is forecast at II9 percent of average at Moran, Wyoming, and II6 percent on the Snake above Palisades Reservoir. Extremely, heavy flows of I55 percent are anticipated in the Salt and Greys River drainage.

THE COLORADO RIVER BASIN is also substantially above normal with snow melt water supplies estimated at 146 percent of average for the Green River at Green River, Wyoming.

THE LOWER YELLOWSTONE BASIN is holding an expected runoff of 110 percent at DuBois, 119 percent into Bull Lake Reservoir, 126 percent near Milford, and 133 percent of average for the Little Popo Agie near Lander. The Shoshone outlook is for 106 percent of normal into Buffalo Bill Reservoir. Flows of around 130 percent are predicted for the Big Horn Mountain release.

THE NORTH PLATTE RIVER BASIN has also improved substantially during the past month. The April I to September 30 yield at Northgate is a heavy 165 percent. At Encampment, the forecast is for 129 percent and the combined flow at Saratoga will be close to 153 percent of average.

 $\frac{d^2x}{dx^2} = \frac{1}{4} \left(\frac{1}{2} \left(\frac{1}$

在一个人,就是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人, 一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人

	Scasonal		- Septe	ember 30 nds of Acre Feet
BASIN AND TRIBUTARY	Forecast			ed Runoff
BAOTA AND TATEORATA	Runoff	Average	Medadire	15-Yr. Avg.
			1960	1943-57
MADISON RIVER				
West Yellowstone (at)	231	1 08%	171	216
west retrowstone (ary	251	100%	• , •	2.0
YELLOWSTONE RIVER				
Corwin (at)	2247	114%	1321	1980
NORTH POPO AGIE				
Milford (near)	93	126%	40	74*
1 / TT 5 DODG 1015		,		
LITTLE POPO AGIE Lander (near)	57	133%	19	43*
Lander (near)	21	1 2 2 %	12	42"
BULL LAKE CREEK				
Lenore (near)	203	119%	118	170*
WIND RIVER				
DuBois (near)	110	110%	61	100*
SHOSHONE RIVER) 902	106%	511	851
Buffalo Bill Dam(below)(I) 902	100%	211	091
CLARK'S FORK				
Chance, Mont. (st)	637	103%	386	617
LARAMIE RIVER				
Jeim (at) (2)	146	130%	83	113
(, , , , , , , , , , , , , , , , , , ,	·	,	•	-
ENCAMPMENT RIVER	000	1000	110	154
Encampment (near)	202	129%	118	156
NORTH PLATTE RIVER				
Northgate (at)	420	165%	193	255
Saratoga (at)	1010	153%	450	661
NORTH PINEY CREEK				
Mason (at)	58	141%	24	41
NEW FORK RIVER	337	129%	110	261
Boulder (near)	337	129%	110	201
GREEN RIVER				
Fontenelle (near)	1430	145%	439	983*
Green River (at)	1750 428	146 123%	456 207	1200 348
Warren Bridge (at)	ЦСО	125%	201	JHO



		April I	- Septe	ember 30		
		Stream-Flow in	Thousar	Thousands of Acre Feet		
BASIN AND TRIBUTARY	Forecast		Measure	ed Runoff		
	Runoff	Average	1960	15-Yr. Avg. 1943-57		
BIG SANDY CREEK Big Sandy (near)	71	120%	27	59		
brg Sandy (near)	7 '	120%	-1)7		
LITTLE SANDY CREEK Elkhorn (near)	18	120%	7	15		
SNAKE RIVER Moran (at) (3) Above Reservoir Alpine(ne	1100 ar) 3070	119% 116%	607 1900	928 3161		
PACIFIC CREEK Moran (near)	216	117%	115	185*		
BUFFALO FORK Moran (near)	386	115%	283	337*		
SALT RIVER Etna above reservoir (near	r) 5,76	156%	227	360		
BEAR RIVER Utah-Wyo.State Line(near) Randolph (near) Harer (at)	145 125 435	118% 109% 155%	88 2 <u>1</u> , 119	123 115* 299		
SMITH'S FORK Border (near)	178	150%	83	119		
HENRY'S FORK Linwood (at)	58	145%	23	ЦО		
BLACK'S FORK Green River (near)	235	112%	100	210**		
GREYS RIVER Palisades Reservoir (above	e) 627	155%	278	L ₁ 03*		

All stream data taken from observed flow records with the following exceptions.

⁽I) Observed flow corrected for Buffalo Bill storage and Heart Mtn. Diversion.

⁽²⁾ Observed flow corrected for Colorado diversion above station.

⁽³⁾ Observed flow corrected for Jackson Lake storage.

^{*} Less than 15 years of record.

^{** 1943-57} partially estimated average.

				4 5 65

- *** * *** = ((+ , , - , - , - , - , - , - , - , -	The community of the second se		en l'apper ; l'apper apper end en grant	and the second of the second second second of the second sector is a second of the second second of the second sec
The state of the s	The state of the s	er en skal state en skal skal skal skal skal skal skal skal	And the second second	
two sections are the section of the	* *** /	BOAT A STORY	and the same	"特别" "一个事一人的事情,
A part of the Mitthewer of Pool of the Conference of the Conferenc	The state of the second	Company of the Company	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
* * * * * * * * * * * * * * * * * * * *	4.4			
ومراواهم واخراراه الموقعة أحداها والمعجاوين	olympia sympy y y a la a la a la a la a la a la a l	respectively and the second	all may be of the part specified year spacements in or in one objection	المتحارف والمراورون والمعطور والماه والمعاور والمراوية الموراء فالمراوية ومروض بطحم فيبين المتوارين
				n
				· 是其种的原始,如此是
0.500	14.	100		and the state of t
				多數指向 医多线性 化电子电子
* *		4= 1 A	4.	the state of the second state
				1.7 mg - 19,494()
<u> </u>		17 x 3 4	1919 F 3	The Carlo Garage
	es sing	30 to 1	Same of Augustin	elia. Enlara ved i pertu
		. 1		
			4	
. 331	.41	974 F		The state of the s
				applied to the second
	***		ies.	Court De Brown
			40 %.	
	* 4 * 5 2 * 4		the state of the state of the	the product of the state of the section
				The state of the s
;	٠.	t		
•	* .	\$	· · · · · · · · · · · · · · · · · · ·	plant the extra conservation of
	5	7.75		李松 经统一建筑设施 化二苯甲二二
#1.5			72	f general idea o in idea. Francisco
			P _{NS} nd	
				ateria de la composition della
	• :	187, 14	A *	
				Marine Committee
:	<u>.</u>	the terms	*1	A tobal bases of gr
				10 (4 - 4 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
				port of the second
•	201			A TOTAL STORY OF THE STORY
	1 Constitution		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	and the second of the second

Similar diding to the part of the common date of the common terms of the

STATUS OF WYOMING RESERVOIR DATA

March 1, 1962

BASIN		USABLE	USABLE	STORAGE	- 10001	s ACRE FEET
and/or STREAM	RESERVOIR	Capacity 1000's AF	1962	1961	1960	1943-57 15-Yr. Avg.
Snake River Snake River Snake River	Jackson Palisades Grassy Lake	8L7.0 1,202.0 15.2	142.5 605.3 8.4	242.0 469.7 6.6	477.1 799.3 8.9	465.5 598.6# 13.0
North Platte North Platte North Platte North Platte North Platte	Seminoe Pathfinder Alcova** Guernsey Glendo	981.8 1,011.0 30.3 39.8 786.3	142.7 191.9 1.5 22.8 320.1	76. L 2LL.8 5. 3 17.8 272. L	267.7 209.9 28.3 12.4 375.3	408.8 505.2 3.2 36.8 260.6#
Laramie River	Wheatland	95.0	61.8	12.9	26.2	23.0e
Belle Fourche	Keyhole	190.3	12.1	3.8	0.0	5 . 7#
Shoshone River	Buffalo Bill*	** 380.3	156.1	129.6	122.5	235.4
Wind River Wind River Wind River	Boysen Pilot Butte Bull Lake	560.0 31.6 152.0	203.3 12.7 85.6	98.1 13.5 57.9	140.5 15.9 37.8	Ц18.6* 13.3 63.2
Green River	Big Sandy	38.3	7.0	4.3	4.0	10.3#

^{*} Average is for less than 15 years of record in the 1943-57 period.

^{**} Alcova, downstream from Seminoe and Pathfinder includes 160,170 acre feet of storage that is unavailable to the Kendrick Project. In the future, storage in this reservoir will be held at usable capacity (190,500 acre feet).

^{***} Usable capacity 439,800 however, 59,500 acre feet are inactive except in emergency.

e Estimated average.

[#] All past data.

	San Area Company	The same and the same of	* * * * * * * * * * * * * * * * * * * *	The second	111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
; t.	the state of the s			1979	M. V. S. A	* ************************************
			The state of the s	The real transfer	and a market of the first of the second of t	
				(1.1)	and an analysis of the second section in the second section of the second section in the section in the second section in the section in the second section in the	
			100			
				Maria de la companya		
		ų.				
					en de fi	
-						
			÷.			
			· · · · · ·			
-				***		× 11
*						
			£.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. *	

STATUS OF NEBRASKA AND SOUTH DAKOTA RESERVOIR DATA

March 1, 1962

BASIN		USABLE	USABLE	STORAGE	- 100019	ACRE FEET
and/or STREAM	RESERVO IR	Capacity 1000's AF	1962	1961	1960	1943-57 15-Yr. Avg.
NEBRASKA						
Kansas Basin Kansas Basin Kansas Basin Kansas Basin Kansas Basin Kansas Basin Kansas Basin Kansas Basin Kansas Basin	Bonny ^C Swanson Lake Enders Harry Strunk Harlan County Cedar Bluff ^k Lovewell ^k Kirwin ^k Webster ^k Kanopolis	39.9 116.1 36.0 33.9 348.8 176.8 37.3 88.8 64.9 48.1	40.5 107.1 39.8 37.8 334.2 185.8 41.7 90.4 66.9 46.0	39.7 94.0 43.6 34.7 339.7 185.1 28.7 82.4 67.6 37.3	41.3 94.7 45.7 41.2 318.4 184.1 27.5 83.1 69.6 59.7	35.7* 78.4* 39.6* 34.4* 223.7* 135.7* 31.1* 59.0* 57.6*
North Platte North Platte North Platte	Sutherland Kingsley Minatare	70.0 1900.0 60.8	N.R. N.R. N.R.	8.3	23.9	21.1
SOUTH DAKOTA						
Belle Fourche	Belle Fourche	185.2	34.6	29.3	34.3	101.4
Cheyenne River Cheyenne River	Angostura Deerfield	92.0 15.1	10.9 3.8	4.7 2.5	19.2	36.4* 10.9*
Grand River	Shadehill	84.0	26.9	50.2	69.0	72.4*
Rapid Creek	Pactola	55.0	3.5	15.9	24.1	14.6*

c. Located in Colorado.

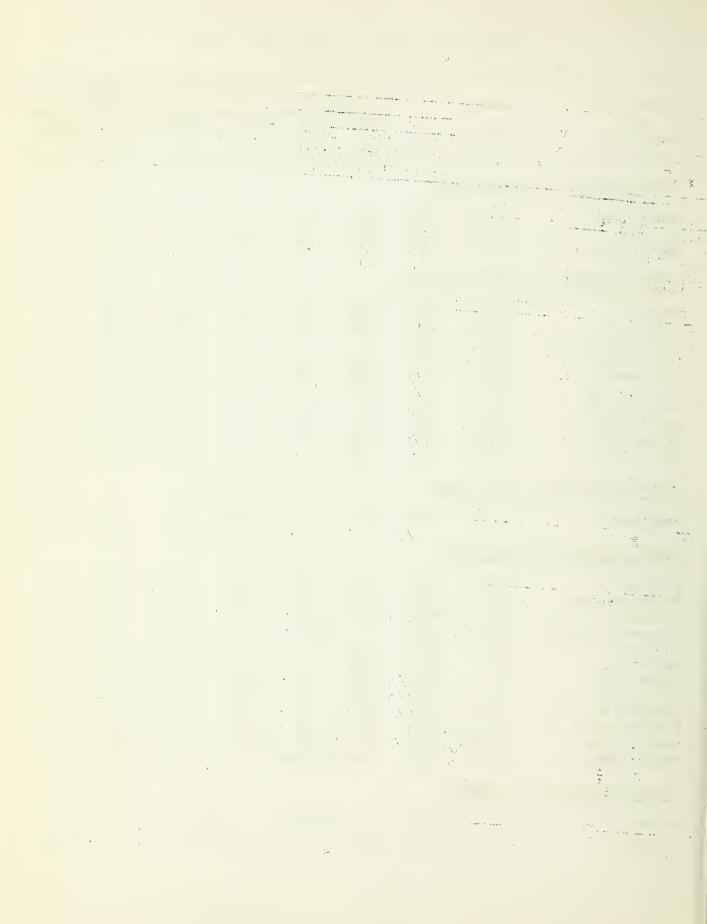
k. Located in Kansas.

^{*} Average of all past data.

As the first of the second of

And the second	and the second proof probable is	No de superior de la company d		encentral contractions	Control of Comment for the Section of the Section o	
A 61					7.33 N. J. F	
* . · · · · · · · · · · · · · · · · · ·	19.20	* : 4	* * * * *	. 4.4	(m (de) + 4 (- 4) 4 (- 4) = 4 + 2 (- 4)	Tak or m when
						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
						ar a serie
					4	
er	\$ 100 miles		70		and personal	the state of the s
					Commence of	* 31. A. S. M
A . 100					and the second	10000
1	· · · · · · · · ·	P = 1 * * *		0	Property of the	138
1 A 1	****		1	*,	But the second	1 1 1 1.
						for the top
	-				. * **	A 1963
/ ·) .	*			٠.		
		,		5 -	with the property	$f_{i} + f_{i} = f_{i} + g_{i} = f_{i}$
				T	the militage for a	Description of the second
			4 7 V	01. 173	. () . e.e. 1 .	
	•		-		Section 1	41.0
						Y 65 1
						Maria de la compania del compania del compania de la compania del compania de la compania de la compania del compania de la compania del compania d
		-				Sin Her Marie
	•	•				
	*	·.		(1.4.1)	·	and the same
				1.0	The second	A grade of the state of
		1.17			ut wasci	$(x_1, \dots, x_n) = (x_1, \dots, x_n) \in \mathbb{R}^n$
6	* *	, 1	• •	4	MI FALL Y	

[.] And the lead of
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				CHOW	201/ED 4154	CUBENE	140
Drainage Basin	Number		SNOW COVER MEASUREMENTS 1962 PAST RECORD					
and	or		Date	Snow	Water		Content	
Snow Course	State	Elev.	of	Depth	Content	1107 01	00111 0111	1943-57
			Survey		(In.)	1961	1960	Averages
MADISON RIVER - YELL	OWSTONE	PARK						
Norris Basin :	10E2	7500	2/28 2/26	39 62	9.9	7.5	6.0	9.3e
21 Mile ^m West Yellowstone ^m	11E6 11E7	7150 6700	2/26	62 50	19.0 15.0	12.3 7.5	7.8 5.2	16.0
UPPER YELLOWSTONE -	YELLOWST	ONE PARK						
Canyon	10E3	7750	2/28	57	16.3	10.1	6.9	13.8e
Cooke City ^m	1007	7400	2/27	35	8.1	5.5	4.2	7.5
Crevice Mountain ^m	1005	8400			N.R.	4.8	4.4	8.2
East Entrance :	10E6	7000	2/27	35	8.9	7.5	5.3	10.8e
Lake Camp #1	10E)1	7850	2/28 2/28	50	12.0	6.8	4.8	10.1
Lake Camp #2 Lupine Creek	10E1	7850 7300	2/28	47 44	11.2 12.4	6.1 7.5	4.0 5.6	8.9e 9.4e
Norris Basin :	10E2	7500	2/28	39	9.9	7.5	6.0	9.4e
Sylvan Pass :	10E5	7100	2/27	79	10.5	9.5	7.7	13.4e
Thumb Divide :	10E7	7900	2/28	<b>7</b> 6	24.5	13.5	10.3	21.4e
LOWER YELLOWSTONE -	CLARK'S	FORK						
Lodgepole	9E <b>I</b>	8200	2/27	42	9.7	5.8	5.0	10.6e
LOWER YELLOWSTONE -	WIND RIVE	ER						
Big Warm	9F12	8800	2/25	42	11.0	4.7	5.1	9.9e
Burroughs Creek	9F4	8800	2/27	49	13.7	7.0	6.0	14.2e
Dinwoodie	9F10	10000	2/28	49	13.0	6.1	8.0	10.le
Dinwoodie Glaciers	9F17A	10500		REPORT		6.0A	11.0A	
Dry Creek	9F9	9500	2/28	31	7.1	3.1	3.7	5.2e
DuNoir	9F6	8750	2/25	41	10.5	3.0	4.1	7.8
Geyser Creek	9F7	8500	2/26	34	8.6	3.2	4.0	7.5e
Little Warm Sheridan R.S. #2	9F8 9F14	9500	2/26 2/25	67	20.5	9.5 2.2	10.7	14.3e
T-Cross Ranch	9F14 9F3	7500 8000	2/27	33 27	8.5 6.9	3.3	3.7 3.1	7.7e 6.8
Togworee Pass :	10F9MP	9600	3/1	86	28.3	19.0	19.1	26.0e
Twenty Lakes :	9G7A	10000	- /	REPORT		N.R.	6.0A	
LOWER YELLOWSTONE -	OWL CREEK	<						
Kirwin ÷	9F19A	10000	LATE	REPORT		5.5A	6.0A	
Owl Creek	8FI	8700	3/5	23	5.1	5.7	6.9	5.5e



# WYOMING SNOW SURVEYS - ABOUT MARCH 1, 1962

			-		01/01/	0.450 451	CLIO E LIENTEO
Dunings Parin		SNOW COVER MEASUREMENTS 1962 PAST RECORD					
Drainage Basin	Number		Date		White		
and Snow Course	or State	Elev.	of	Snow Depth	Water Content	warer	Content (In.) 1943-57
Show Course	Sidie	Elev.	Survey		(In.)	1961	1960 Averages
			Sui vey	(111.)	(111.)	1901	1900 Averages
LOWER YELLOWSTONE - F	POPO AGI	RIVER					
Blue Ridge	8g2	9500	2/20	47	11.4	4.2	5.3 II.0e
Bruce's Camp	8G5	6500	2/21	8	2.3	2.8	2.9 3.5e
Hobbs Park	9G3	10000	3/2	59	17.5	10.6	11.3 16.6e
Mosquito Park R.S.	964	9500	3/2	36	9.1	4.3	5.8 7.3e
Sawmill Glade	9G1	8500	2/20	33	8.6	4.3	4.7 6.9
South Pass :	8G3MP	9000	2/20	53	14.1	5.7	7.1 13.2
St. Lawrence R.S.	9FII	9000	3/1	34	8.9	3.3	4.8 6.0e
Trout Creek	9G2	8400	3/2	23	5.1	4.4	5.6 6.7e
Twenty Lakes =	967A	10500		REPORT	,,,,	N.R.	6.0A
•			LATE	1121 0111			
LOWER YELLOWSTONE - G	REYBULL	RIVER					
Frontier Needle	9F20A	10000	LATE	REPORT		5.5A	
Kirwin :	9F19A	11000		REPORT		5.5A	6.0A
Timber Creek #2	9E3	8800	3/3	18	4.3	2.2	N.R. 3.6a
Wood River #2"	9F15	8000		REPORT	4.0	4.4	N.R. 3.9a
The state of the s							
LOWER YELLOWSTONE - S	SHOSHONE	RIVER					
Carter Mountain	9ELIM	7800	2/25	23	5.0	3.2	4.2 3.5a
East Entrance ÷	10E6	7000	2/27	35	8.9	7.5	5.3 10.8e
Sylvan Pass :	9E5	9200	2/27	I, I,	10.5	9.5	7.7 13.4e
Togwotee Pass :	10F9MP	9600	3/1	86	28.3	19.0	19.1 26.0e
Yount's Peak	9F18A	8500	LATE	REPORT		N.R.	7.5A
LOWER YELLOWSTONE - N	OWOOD CF	REEK					
		0.0.0	,				
Bear Trap :	7F1	8000	3/2	15	11.3	6.7	4.1
Canyon Creek ÷	7F2	7400	3/2 2/26	39 35	10.8	9.3	8.7
Cold Springs Camp	7E25	8700	2/26	25	8.0	4.8	5.1 5.9a
Medicine Lodge Lakes	7E2LM	9500	2/26	49	13.2	7.6	8.0 9.0a
Munkres Pass ÷	7E8	9700	3/2	47	13.0	5.5	6.8 6.7e
Onion Gulch :	7E27M	8100	3/1	46	12.3	5.2	5.2 7.3a
Tyrell R.S.	7E35	8300	3/1	38	9.8	5.1	N.R. 5.5e
West Tensleep Lake	7E26	9075	2/27	57	15.5A	8.0A	9.5A 9.4a

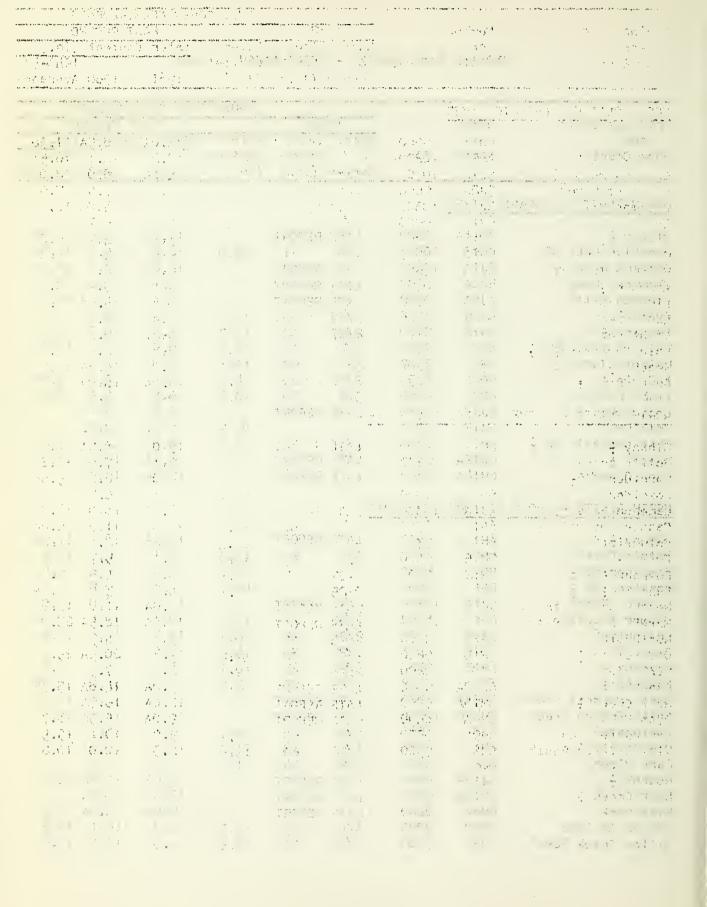
e de la companya de	· · · · · · · · · · · · · · · · · · ·	a segui yeras a segunda a a s	e a period para angles en	and the second		An in the second of the second	10 of 10 kg (1 o	e di selectiva de la company de la compa
		The second secon		Carlo Carlo Maria Carlo Ca				
		The state of the s	ning series of the series of		- 11 VI 14		14	
***								Walter Commence
		erania e e e e e e e e e e e e e e e e e e e		A STATE OF THE STA		e tower transfer in the MA	other community the control of	en de conquesto de Maria de Calabara (Calabara).
							and the contract	
y = . =		en de			3.34 %			Way to the same
<b>→</b> *								and file of the second
et a se								the state of the
- J. S.								And the second second
								A Company of the Company
	1 1							
	•							
* •								
		8	\$					
		v - •**		τ.,			27.5	
						Marine and the separate to		and the second s
		,						
		A second						
						·		
•								
				9	100			12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
								Section 1 to 1
		AND THE STATE OF T		£ 1				
					- A			
		1						
				17 -83				
								And the Control of the Control
						ay to the way	CS C CS SHOW	the second of the public second second second second
					١, ,			
	- · r							
* .	7 - 1		1.0		1.1			
100	***							de la companya de la
4, 4								÷ 11
4.4	4.00	*					. 11	
), •								

					SNOW CO	OVER MEA	CHDEMEN	re	
Drainage Basin	Number		10	962	SIVOW CC		T RECORL		
and	or		Date	Snow	Water		Content		
Snow Course	State	Elev.	of	Depth	Content			1943-57	
			Survey	(In.)	(In.)	1961	1960 /	Averages	
LOWER YELLOWSTONE - SHELL CREEK									
Bald Mountain :	7E21M	9600	2/24	77	22.9	14.8	17.6	15.9a	
Beaver Tongue :	7E20	9200	2/24	72 (5	19.7	13.0	16.3	14.9a	
Bone Spring Divide : Granite Pass :	7E18A 7E17	9200 8950	2/27 2/27	65 61	18.5A 17.7	12.0A 12.0	13.0A	13.0a 12.9a	
Ranger Creek	7EL	8800	2/23	44	10.3	4.8	N.R.	_	
Shell Creek	7E23A	9600	2/27	66	18.5A	10.0A		10.9a	
LOWER YELLOWSTONE - P	ORCUPINE	CREEK							
Five Springs Falls	7E31	<b>7</b> 500	2/27	23	5.2	3.8	5.4	5.4a	
Medicine Wheel	7E30	9000	2/25	54	14.1	11.6	15.2	13.2a	
LOWER YELLOWSTONE - T	ONGUE RI	VER							
Beaver Tongue :	7E20	9200	2/24	72	19.7	13.0	16.3	14.9a	
Big Goose #2	7E32M	7700	2/28	35	9.2	6.3	6.6	6.1a	
Bone Spring Divide :	7E18A	9200	2/27	65	18.5A	12.0A	13.0A		
Burgess R.S. #2	7E33	7900	2/27 2/27	28 1.1.	7.1	5.3	7.6	6.1a	
Dome Lake #2 Geneva Pass	7E3L ₁ A 7E37A	8800 10600	2/27	44 63	10.5A 18.0A	8.0A 12.0A	7.5A	6.9a	
Gloom Creek	7E14A	9300	2/27	56	14.5A	13.0A	13.0A	11.0a	
Granite Pass :	7E17	8950	2/27	61	17.7	12.0	13.2	12.9a	
North Tongue	7E15	8800	2/25	46	12.2	8.1	9.7	0.7	
Sibley Lake Steamboat Point	7EII 7EIO	8000 7500	2/27 2/27	42 30	11.5 8.2	8.2 5.7	9.2 7.6	8.3a 6.0a	
Sucker Creek	7E12A	9000	2/27	47	13.0A	11.0A	12.5A		
Wood Rock G.S.	7E13	8500	2/27	43	11.5	7.4	9.3	8.3a	
LOWER YELLOWSTONE - POWDER RIVER									
Bear Trap :	7F1	8000	3/2	42	11.3	6.7	4.1		
Canyon Creek :	7F2	7400	3/2 3/2 2/27	39	10.8	9.3	8.7		
Cloud's Peak	7E36A	1 0000	2/27	51	13.5A	10.0A	7.5A		
Muddy Creek G.S.	7E28	7500	3/2	19	5.1	3.9	3.4	3.9a	
Munkres Pass : Onion Gulch :	7E8 7E27M	9700 8100	3/2	L17 46	13.0 12.3	5.5 5.2	6.8 5.2	6.7e 7.3a	
Soldier Park	7E5	8700	3/1 3/1	<u> 2</u> 8	7.1	3.8	4.3	4.5e	
Sour Dough	7E6	8500	3/1	35	9.3	6.4	4.1	5.8e	

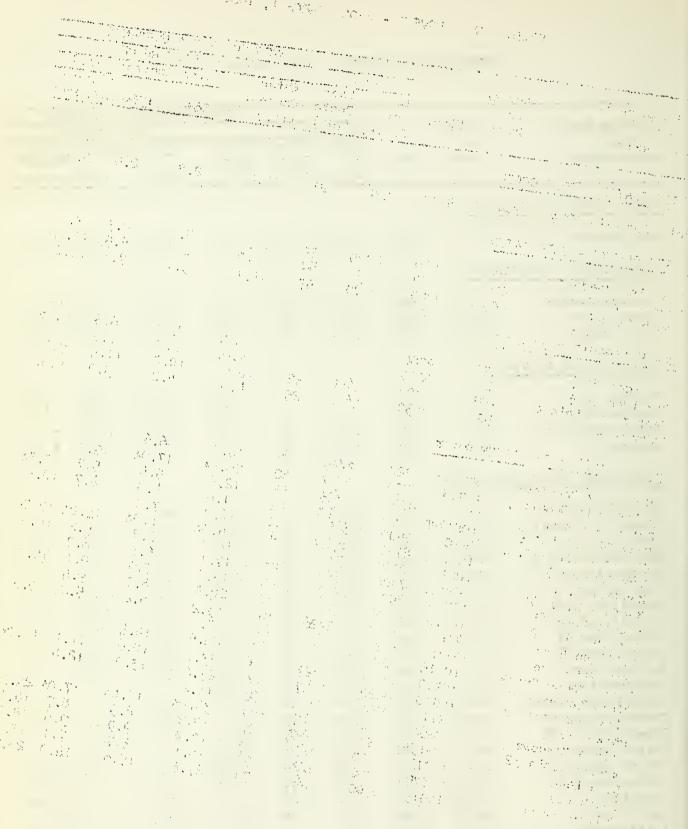
Age to the same while the water that I was a supplementary of the same of the

was and the second of the seco	to a principle of the state of		. ,	# 1
Company of the state of the sta	mate A consequence of a sound of	entropy against a standarder of	and to the supplication and the	
The second secon	was the part to special and a	200 mm at 1 mm	the state of the s	The second secon
the state of the s	The said of the	30,222	44 16	Taginor State Constitution
and the second s	and the second		ी क	and the man winds of the
The second of th	And the second	ne ne proportion	113 - 12 11 1	ACTOR SECTION
and the second of the second o		:		The same of the sa
1. 3.	11	$t = \frac{1}{1} \cdot \frac{1}{1} \cdot \frac{1}{1} \cdot \frac{1}{1}$		13 13 14 31 2 m 3107 840 ) 1 N 4 1
		,	1.43	The second of th
	F		11.	. There is as in the second
		м,		
	٧ .		100	
- 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1		17.3		
		J.		
				A series marks, but a series and the series and
,				The second of th
	2	177. 17		
				The second secon
				GUOA;
÷				CONTROLLED AND SOLITON OF
. :	ī	e 'est'e		a real state of the state of th
	:	- 7e-		The state of the s
2		- 100 100 100 100 100 100 100 100 100 100	1.7 ft.	
A. A		1.1		
8 1	7.55	And the	11	
· News Ab.			12/2	The state of the s
		1.4	Alg .	AND SERVICE OF THE SE
,	· Va	Out of		
		Charles T		the state of the s
7.			arns.	0000 0000 0000 0000 0000 0000 0000 0000 0000
	AL AST	The state of	1 200	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
* .	1 × 2	Takin No	A Comment	
		V 11	1 3.72.12	
				The second of th
	7. † * 7. (1)			28.25 17.5 2 reserve
1 1 2 2 3	*****	Section 1		
	1 1		of Section 1	
	1. 1	1. 1. 1.	**************************************	Real Property of the second second
The second second	2.01			Bolling Control of the Control of th
	1.5	The same	1	强痛。 等级的 · 中央 · 中
		Self	W. T	
	*			
the state of the s				10 4

					SNOW CO	VER MEAS	
Drainage Basin	Number			62			T RECORD
and	or	e1.	Date	Snow	Water	Water C	ontent ((n.)
Snow Course	State	Elev.	of Current	Depth	Content	1041	1943-57
			Survey	(In.)	(In.)	1961	1960 Averages
NORTH PLATTE - LARAM	IE RIVER						
Albany: Brooklyn Lake #2 Cameron Passc: Chambers Lakec Deadman Hill Evans: Foxpark: Hairpin Turn #2 Hairpin Turn #3 LaBonte: Libby Lodge Lost Lakec: McIntyrec Pole Mountain #2:	6HIIA 6HII3 5JIA 5J2A 5J6A 6HII2 6H2 6H2 5G2 5JII 5HII	9400 10200 10300 9000 10300 9000 9500 9500 9500 8450 8700 9100	3/2 LATE LATE 2/27 2/27 3/2 3/2 2/25 3/2 LATE	REPORT 71 REPORT REPORT 55 L2 L2 50 25 L0 REPORT	14.9 10.7 12.3 15.1 4.8 10.4 N. R.	13.4 12.4 14.8 14.8 14.8 14.8 14.8 14.8 14.8 14	8.5A 11.9e 14.1 18.5e 18.0 18.0 7.0 7.0 14.0A 12.2 5.7 4.5 5.2 5.7 10.2 8.9 3.0 5.5e 4.6 9.2 8.1 N.R. 2.5 4.4
Roach ^C : Rock Creek : NORTH PLATTE - ABOVE	6J12A 6H14A SEMINOE	9800 9800 RESERVO	LATE	REPORT REPORT		9.0A 12.0A	14.8A 15.7 16.5A
Albany: Bottle Creek Boxelder #1: Boxelder #2: Cameron Passc: Casper Mountain: Columbinec Evans: Foxpark: LaBonte: North Barrett Creek North French Creek Northgatec Old Battle: Park Viewc Roachc: Rock Creek: Ryan Park Webber Springs Willow Creek Passc	6HIIA 6H8 5GI 5GI 5JIA 6GI 6J3A 6HI5 6HI2	9400 8200 9000 9000 10300 8700 9300 9000 9200 8450 9400 10200 8500 9800 9800 9800 9800 9800 9900 9500	LATE 3/1 LATE 2/28 2/26 2/27 2/25 LATE LATE 2/26 3/1 2/26 LATE LATE	REPORT 53  REPORT 52 92 55 42 25 REPORT REPORT 40 98 54 REPORT REPORT REPORT REPORT REPORT 63 69	15.3 N.R. N.R. 14.8 26.4 14.9 10.7 4.8 9.1 31.2 11.7	13.0A 9.1 4.0 14.8A 10.2 6.9 16.0A 18.3 19.6 9.0A 12.0A 18.3 19.6 9.0A 9.0A 9.0 9.0 9.0	8.5A 11.9e 7.6 12.2 6.6 5.5e 6.8 18.0 18.0 11.4 9.4a 12.8 19.6 5.7 4.5 5.2 3.0 5.5e 11.0A 14.6 18.5A 23.0 4.5 20.5A 25.8 7.5 14.8A 15.7 16.5A 5.5A 8.7 10.1 15.5 10.0 10.8

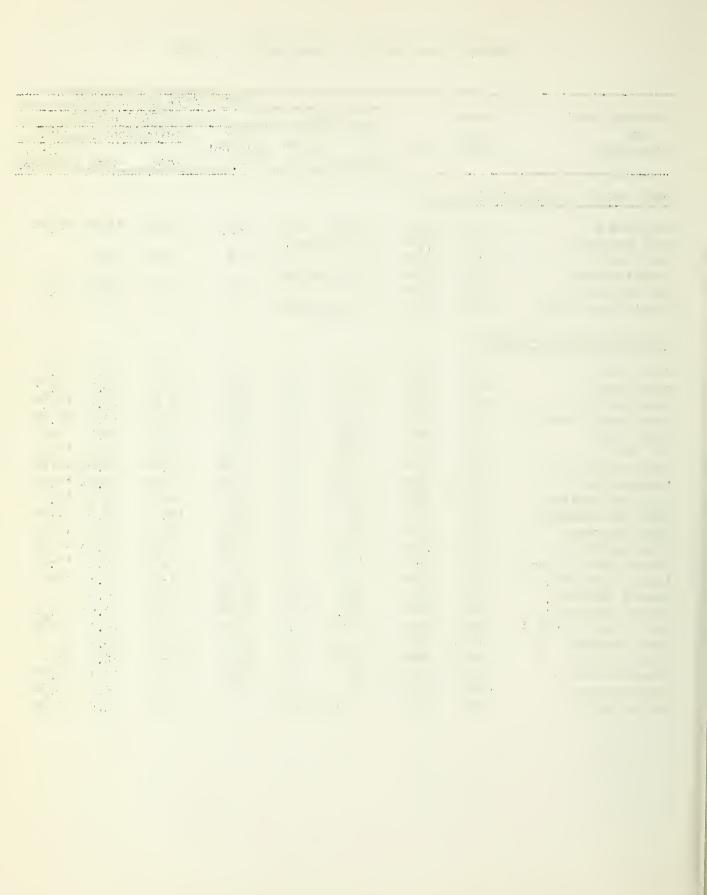


				ول معروب في المالية ا	· · · · · · · · · · · · · · · · · · ·			
			-	75	SNOW C	OVER MEA		
Drainage Basin	Number		190				T RECOF	
and Snow Course	or State	Flou	Date of	Snow	Water	Water	Content	
Show Course	State	Elev.	Survey	Depth (in.)	Content (In.)	1961	1960	1943-57 Averages
NORTH PLATTE - CROW C	REEK							
Pole Mountain #2 :	5н1	8700	2/28	23	14.8	2.8	2.5	4.4
NORTH PLATTE - SWEET	VATER							
Grannier Meadows	8GL	9000	0/00		41 J.	5 J.	8.3	13.1
Larsen Creek	9 <b>6</b> 6	9000	2/20 3/2	55 52	14.4	5.4 6 <b>.</b> 2	5.5	10.3e
South Pass :	8G3MP	9000	2/20	53	14.1	5.7	7.1	13.2
		,	2/20	))	1401	<i>J</i> • <i>t</i>	, • .	. , , =
NORTH LARAMIE MOUNTAI	NS							
Boxelder #1 :	5G1	9000			N.R.	4.0	6.6	5•5e
Boxelder #2 ÷	5G1	9000			N.R.	4.3	6.8	
Casper Mountain :	6G1	8700	2/28	52	14.8	10.0	11.4	9.4a
LaBonte :	5G2	8450	2/25	25	4.8	4.2	3.0	5•5e
GREEN RIVER ABOVE GRE	EN RIVER							
Big Sandy Opening Blind Bull Summit : Dutch Joe R.S.	969P 1062A 965	9220 8750 8700	2/25 2/27 2/25	57 82 48	14.2 29.5A 12.6	6.6 17.0A 5.4	19.0A 5.7	28.lje 7.3e
East Rim Divide :	IOF17MP		2/23	45	11.8	4.0	4.7	10.5
Elk Heart Park G.S. Gros Ventre :	9G10 10F19A	9400 8750	2/26	62	16.9	7.3 8.0A	11. 04	12.5e
Kendali R.S. #1	10F19A	7900	2/27 3/L	54 46	15.0A 12.7	4.7	5.2	10.5
Kendall R.S. #2	10F15	7900	3/1	59	17.1	6.4	6.2	
Loomis Park #1	10F16	8500	3/3	68	19.5	7.9	9.1	15.9
Loomis Park #2	10F16	8500	3/3	70	20.3	8.2	9.4	
Mulligan Park	9G1	8900	2/26	5!	13.2	5.2	5.2	9.6
New Fork Lake North Horse Creek	9F21 10G16	8325 8200	3/3 3/L	51 80	13.6 24.5	14.4		
Piney LaBarge #1	10010	8820	2/27	68	23.1	10.6	11.1	18.0e
Piney LaBarge #2	10G10	8820	2/27	77	27.6	13.0	12.4	
Pocket Creek	9G11	9360	2/24	62	16.2			
Poison Meadows :	10G6A	8500	2/27	100	34.0A	17.0A		24.4а
Snyder Basin #2	10G13MP	•	2/27	57	19.2	8.5	8.7	14.le
Soda Lake South Pass	10G14 8G3MP	8300 9000	2/28	58 53	19.0	9•9 5•7	9.6 7.1	18.3e 13.2
Triple Peaks	10G15	8500	2/20 3/1	53 <b>7</b> 8	14.1 27.6	15.6	14.0	26.2e
,		0,00	)/	10	-1.0	. ) • 0	.4.0	



# WYOMING SNOW SURVEYS - ABOUT MARCH 1, 1962

					SNOW C	OVER MEA	SUREMENTS
Drainage Basin	Number		19	62	311011 0		T RECORD
and	or		Date	Snow	Water		Content (In.)
Snow Course	State	Elev.	of	Depth	Content		1943-57
			Survey		(In.)	1961	1960 Averages
CDEEN DIVED PELOW	CDEEN DAY	(50					
GREEN RIVER - BELOW	GREEN KIV	EK					
Big Park :	10G11A	8700	2/27	69	23.5A	10.0A	14.0A 16.9a
Buck Pasture ^U	10J23A	9700		REPORT			
Elk River ^C	614	8700	3/1	76	22.0	9.6A	12.4
Henry's Fork	1075/14			REPORT			
Old Battle :	6H10	9800	3/1	98	31.2	19.7	20.5 25.8
Steel Creek Parku	10J20A	9900	LATE	REPORT			
JACKSON LAKE TO PALIS	SADES						
Afton R.S.	106H	6200	2/23	14	4.0	2.5	6.2 4.6
Base Camp :	10F2	6900	2/27	56	17.3	11.5	10.5 18.2e
Blackrock	10F7	8600	3/1	68	20.2	13.3	13.4 19.7e
Blind Bull Summit :	10G2A	8750	2/27	82	29.5A	17.0A	19.0A 28.4e
Bryan Flat	10F14	6250	2/23	70	11.5	5.3	4.4 9.4
CCC Camp	10G7	7500	2/23	45	11.7	6.5	9.3 10.4
Cottonwood Lake	1 0G5A	7500	2/27 2/27	65	19.5A	12.0A	14.0A 14.7e
Deadman Ranch	1061A	6534	2/23	37	11.0A	7.0A	9.0A 10.0a
East Rim Divide : Four Mile Meadows	10F17MP		3/1	45	11.8	4.0 10.0	4.7 10.5 7.8 12.0e
Greys Boundary	10E18	7770 58 <b>0</b> 0	2/23	75	13.3	6.9	9.1 10.6
Greys boundary Gros Ventre :	10F19A	8750	2/27	54.	15.0A	8.0A	14.0A 12.5e
Grover Park Divide	10G3	7500	2/28	43	12.9	7.5	10.5 10.0
Loomis Park #1 :	10F16	8500	3/3	68	19.5	7.9	9.1 15.9
Loomis Park #2 :	10F16	8500	2/2	70	20.3	8.2	9.4
Poison Meadows :	10G6A	8500	3/3 2/27	100	34.0A	17.0A	17.0A 25.3e
Salt River Summit :	10G8P	7900	2/23	57	14.9	8.7	10.1 13.3e
Snow King Mtn. #3	IOF20M	7600	, -		17.8	9.3	9.3
Teton Pass #2	10F13	8500	3/3 2/28	59 96	32.9	20.0	20.6 31.0
Togwotee Pass :	10F9MP	9600	3/1	86	28.3	19.0	19.1 26.0e
Turpin Meadows	10F5	6930	3/1	40	11.4	7.4	5.6 10.6e
Yellowjacket	10F10	7675	LATE	REPORT		3.8	4.0 5.4е



	<del></del>				SNOW C	OVER MEA	SUREMEN	TS	
Drainage Basin	Number			962			T RECOR		
and	or	C1	Date	Snow	Water	Water	Content		
Snow Course	State	Elev.	of Survey	Depth (In.)	Content (In.)	1961	1960	1943-57 Averages	
SNAKE RIVER - ABOVE JACKSON LAKE									
Arizona Astor Creek Base Camp : Coulter Creek Glade Creek Grassy Lake Huckleberry Divide Lewis Lake Divide Moran Moran Bay Snake River Station Thumb Divide :	10F1 10E8 10F2 10E10 10E13 10E15 10E14 10E9 10FLMP 10F3 10E12MP	6850 7700 6900 7600 7200 7265 7300 7900 6500 6800 6780 7900	2/27 2/28 2/27 2/26 2/28 2/27 2/28 2/27 2/27 2/27 2/27	61 93 56 68 70 92 63 116 43 65 63 76	19.3 32.0 17.3 21.9 23.4 20.1 42.4 23.0 20.2 24.5	12.8 19.7 11.5 15.5 13.9 23.7 27.6 7.9 15.1 15.5	10.8 14.6 10.5 12.8 12.0 20.1 10.9 21.1 9.5 13.3 11.7	17.5e 30.0e 18.2e 21.8e 21.1e 30.6 18.3e 39.4e 12.0e 20.0e 19.5e 21.4e	
BEAR RIVER									
Big Park : CCC Camp : Monte Cristo ^U Poison Meadows : Salt River Summit : Still Water Camp ^U Trial Lake ^U	10G11A 10G7 11H12 10G6A 1CG8P 10J17 10J8	8700 7500 8960 8500 7900 9800 9800	2/27 2/23 2/26 2/27 2/23	69 45 81 100 57	23.5A 11.7 26.6 34.0A 14.9 N.S. 26.6	10.0A 6.5 12.6 17.0A 8.7	14.0A 9.3 15.5 17.0A 10.1	16.9a 10.4 22.7e 25.3e 13.3e	
MISSOURI - CHEYENNE RIVER									
Terry Peak ^S Upper Spearfish ^S	3E2 3E1	7000 6500	3/1	20	5.0	4.3	7.1	5.6a	

a. Average of all past data.

e. 1943-57 partially estimated.

c. Colorado snow courses.

m. Montana snow courses.

u. Utah snow courses.

s. South Dakota snow courses.

Located close to divide.

A. Aerial stadia marker, water content estimated.

M. Soil moisture stack.

P. Pearson storage gage.

				and more to
	a Same and a	and the state of t	parties & promite that is a first the state of the state	authorization of the state of t
	The second of th		-1. h .	
	property was a second of the s	· · · · · · · · · · · · · · · · · · ·	7 0	and the second
			· 5/4	
Manager and the same of the sa	7.1	4.4		ar en en en en en
	A Commence of the Commence of	pet (p. 1872) Contract of	Control of the Contro	
The state of the s	The state of the s			of the second second
all () years		1	A	(A) 1 10 40 4 5 200 CASA
				\$64.00
	4		2.5	A CONTRACTOR
	The state of the s		64: W	1
				A STATE
			State of the state	22.5
				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		The state of the s	The second of the second	
The state of the s		9/		
			g caracteristics of the control of greateristics of the control of the control of	
			v (1540)	
		· · · · · · · · · · · · · · · · · · ·	Same of the state of	
		· · · · · · · · · · · · · · · · · · ·		10 mg 144 mg
		1873 S. C. S. S. S. S.		
				, T
				481
		100 m		
a synthesis (Asia) and the state of		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	5.44	
			1.4. 1.4.	11,543
				2 m 34.
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		The Market	1.00
				Agreement .
N. V.		The second of the second		
		1000		
			-3,7 42	7 78 77
			, and the state of	Complete and the second of the
				•
			The said the said of the said	Fr. 74
		11.4	air gri	
ers of the	10.			*
				Q. (1)
				- 12 F1 SW1
			. T. E	

And the second of the second o

market state 

# Agencies Cooperating in Wyoming Snow Surveys

#### FEDERAL

U. S. Department of Agriculture Forest Service Soil Conservation Service

U. S. Department of Commerce Weather Bureau

U. S. Department of the Interior Bureau of Reclamation Geological Survey National Park Service Indian Service

### STATE

State Engineer of Wyoming

#### PRIVATE

Wheatland Irrigation District Greybull Valley Irrigation District Clouds Peak Soil & Water Conservation District Cody Soil & Water Conservation District Dubois-Crowheart Soil & Water Conservation District Greybull Valley Soil & Water Conservation District Lake DeSmet Soil & Water Conservation District Laramie Rivers Soil & Water Conservation District Little Snake River Soil & Water Conservation District Medicine Bow Soil & Water Conservation District Pinedale Soil & Water Conservation District S & E Soil & Water Conservation District Shell Valley Soil & Water Conservation District Shoshone Soil & Water Conservation District Tongue River Soil & Water Conservation District Washakie Soil & Water Conservation District Wheatland Soil & Water Conservation District Powder River Soil & Water Conservation District Pavillion & Wind River Soil & Water Conservation District Powell-Clarks Fork Soil & Water Conservation District Bridger Valley Soil & Water Conservation District

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE P. O. BOX 340 CASPER, WYOMING

FIRST CLASS MAIL

# FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Furnishes the basic data necessary for forecasting water supply for irrigation, domestic and municipal water supply, hydro-electric power generation, navigation, mining and industry

"The Conservation of Water begins with the Snow Survey"